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DPF 2013

Thursday 15 August 2013

Physics Beyond the Standard Model - Classroom Unit 2 (08:30-10:00)

- Conveners: Dr. Ulmer, Keith; Bai, Yang

time	title	presenter
08:30	Searches for new physics in high-mass ditau events at ATLAS	REECE, Ryan
08:50	Search for pair production of new heavy quarks that decay to a Z boson and a third generation quark in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector at the LHC	VIRZI, Joseph
09:10	Search for exotic top-quark partners	BHATTACHARYA, Saptaparna

Physics Beyond the Standard Model - Classroom Unit 2 (10:30-12:10)

- Conveners: Dr. Ulmer, Keith; Bai, Yang

time	title	presenter
10:30	Search for contact interactions in dilepton production from pp collisions with $\sqrt{s} = 8$ TeV using the CMS detector	LAMICHHANE, Pramod
10:50	ATLAS searches for vector-like quarks in the one-lepton channel and status of global search program	COOKE, Mark
11:10	Search for Light- and Heavy-flavor Three-jet Resonances in Multijet Final States	SEITZ, Claudia

Physics Beyond the Standard Model - Classroom Unit 2 (13:30-15:30)

- Conveners: Dr. Ulmer, Keith; Bai, Yang

time	title	presenter
13:30	Search for direct production of charginos and neutralinos in events with three leptons and missing transverse momentum with the ATLAS Detector	FARRELL, Steven
13:50	The search for the electroweak production of supersymmetric particles in events with two leptons and missing energy at ATLAS	JACKSON, Brett
14:10	Search for anomalous production of events with same-sign dileptons and b jets in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector	LEI, Xiaowen
14:30	Search for new physics in events with same-sign dileptons and jets in pp collisions at $\sqrt{s} = 8$ TeV	KELLEY, Ryan
14:50	Natural, R-parity violating supersymmetry and horizontal flavor symmetries	MONTEUX, Angelo
15:10	Model-independent searches for new physics in multilepton final states with the ATLAS detector	HANCE, Michael

Physics Beyond the Standard Model - Classroom Unit 2 (16:00-17:20)

- Conveners: Dr. Ulmer, Keith; Bai, Yang

time	title	presenter
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16:00	Pulling Out All the Stops: A Jet Substructure Search for Light Stops Decaying via Baryonic RPV	TWEEDIE, Brock
16:20	Search for gluino-mediated bottom- and top-squark production in all hadronic and single lepton multijet final states from pp collisions at $\sqrt{s} = 8$ TeV using the CMS detector	DANIELSON, Thomas
16:40	Future sensitivity studies for Supersymmetry searches at CMS at 14 TeV	ULMER, Keith
17:00	Charge and Colour Breaking Constraints in the Minimal Supersymmetric Standard Model	BLINOV, Nikita

Friday 16 August 2013

Physics Beyond the Standard Model - Classroom Unit 2 (09:00-10:00)

- Conveners: Dr. Ulmer, Keith; Bai, Yang

time	title	presenter
09:00	Dark Radiation and Decaying Matter	SALVADO, Jordi
09:20	Search for Gamma-ray Spectral Lines with the Fermi Large Area Telescope and Dark Matter Implications	ALBERT, Andrea

Physics Beyond the Standard Model - Classroom Unit 2 (10:30-12:10)

- Conveners: Dr. Ulmer, Keith; Bai, Yang

time	title	presenter
10:30	Update of the same-sign dimuon asymmetry from the D0 experiment	GARBINCIUS, Peter
10:50	$B \rightarrow D^{(*)} \tau \nu$ and constraints on charged Higgs models	CHAO, Daniel
11:10	Study of radiative and electroweak penguin B decays at BaBar	EISNER, Alan
11:30	The PIENU experiment at TRIUMF: a sensitive probe of new physics	SHER, Aleksey
11:50	Search for lepton number violation in B-meson decays	PUCCIO, Eugenia

Physics Beyond the Standard Model - Classroom Unit 2 (14:30-17:50)

- Conveners: Dr. Ulmer, Keith; Bai, Yang

time	title	presenter
14:30	Hadron production in e^+e^- annihilation at BaBar, and implication for the muon anomalous magnetic moment.	PORTER, Frank
14:50	Muon $g-2$ at Fermilab: Probing for BSM Physics	KIBURG, Brendan
15:10	$g-2$ Bounds on Scalar Dark Matter Annihilation	FUKUSHIMA, Keita
15:30	The Heavy Photon Search Experiment at Jefferson Lab	MORENO, Omar
15:50	Search for dark sector at BaBar	ECHENARD, Bertrand
16:10	Correlating Direct and Indirect Detection	YAYLALI, David
16:30	Predictions of a fundamental statistical picture	ALLEN, Roland